319 295 8777

ROCKWELL COLLINS IP DEPT. PART B - FEE(S) TRANSMITTAL P.03

Complete, and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

6/03/08

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address

7590

04/23/2008

10782716

Kyle Eppele Patent Department 124-323 400 Collins Rd. NE Cedar Rapids, IA 52498

06/03/2008 SSESHE2 00000089 181722

APPLICATION NO.

10/782,716

01 FC:1501 02 FC:1504

1440.00 DA 300.00 DA

> FILING DATE 02/19/2004

FIRST NAMED INVENTOR

Steven L. VanLaningham

ATTORNEY DOCKET NO. 03CR418/KE

K. Mathews

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United
States Postal Service with sufficient postage for first class mail in an envelope
addressed to the Mail Stop ISSUE FEE address above, or being facsimile
transmitted to the USPTO (571) 273-2885, on the date indicated below.

MUK

CONFIRMATION NO.

5575

(Depositor's name)

(Signature)

Mate

TITLE OF INVENTION: HYBRID OPEN/CLOSED LOOP FILTERING FOR LINK QUALITY ESTIMATION

APPLN. TYPE	SMALL ENTITY	issue fee due	PUBLICATION PEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUB	DATE DUE
nonprovisional	МО	\$1440	\$300	50	\$1740	07/23/2008
EXAMINER		ART UNIT	CLASS-SUBCLASS			
TRINH, TAN H		2618	455-452100	•		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 1. Change of correspondence address or indication of the patent attorneys or agents or a gents or						
(A) NAME OF ASSIGNEE (B) RESIDENCE; (CITY and STATE OR COUNTRY)					RY)	
Rockwell Col		A A CASH WAS BOTH	Cedar Rapids		on or other private error	entity Dignueroment
			printed on the patent): Individual Corporation or other private group entity Government 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is bereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 18-1722 (enclose an extra copy of this form).			
a. Applicant clain	atus (from status indicate as SMALL ENTITY state and Publication Fee (if req	us. Sec 37 CFR 1.27.	b. Applicant is no long of from anyone other than to Office.	ger claiming SMALL ENI		
Authorized Signature	yle Eppel	Peli		Date6/03/08	34,155	
This collection of informan application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, Virginia 22.	nation is required by 37 Catality is governed by 35 cd application form to the tions for reducing this buying in a 22313-1450. DO 313-1450.	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO, Time will vary riden, should be sent to the ONOT SEND FEES OR	on is required to obtain or a 1.14. This collection is est of depending upon the indivice Chief Information Office COMPLETED FORMS TO	etain a benefit by the publimated to take 12 minutes idual case. Any comment or, U.S. Patent and Traden O THIS ADDRESS. SENI	ic which is to file (and b to complete, including 5 on the amount of time bark Office, U.S. Depart O TO: Commissioner for	y the USPTO to process) gathering, preparing, and you require to complete ment of Commerce, P.O. Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address JUN 0 3 2008 7590 04/23/2008 Certificate of Mailing or Transmission hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile trunsmitted to the USPTO (57.1) 273-2885, on the date indicated below. Kyle Eppele Patent Department 124-323 400 Collins Rd. NE Cedar Rapids, IA 52498 Sheila K. Mathews (Signature) Besur (Date) 6/03/08 CONFIRMATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. APPLICATION NO. 03CR418/KE 5575 10/782,716 02/19/2004 Steven L. VanLaninghum TITLE OF INVENTION: HYBRID OPEN/CLOSED LOOP FILTERING FOR LINK QUALITY ESTIMATION PUBLICATION FEE DUE | PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE APPLN. TYPE SMALL ENTITY **ISSUE FEE DUE** 07/23/2008 \$1440 \$300 \$1740 NO nonprovisional CLASS-SUBCLASS ART UNIT **EXAMINER** 2618 455-452100 TRINH, TAN H Change of correspondence address or indication of "Fcc Address" (37 CFR 1.363). For printing on the patent front page, list 1 Nathan O. Jensen (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence uddress (or Change of Correspondence Address form PTO/SB/122) attached. 2 Kyle Eppele (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Cedar Rapids, IA Rockwell Collins, Inc. Please check the appropriate assignce category or categories (will not be printed on the patent) : 🔲 Individual 📓 Corporation or other private group entity 🚨 Government 4b. Payment of Fee(s): (Please first reapply any praviously paid issue fee shown above) 4a. The following fee(s) are submitted: A check is enclosed. ksuc Fee Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. ☑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 18-1722 (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. Scc 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date 6/03/08 Authorized Signature 34,155 yle Eppele Registration No. Typed or printed name

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Facsimile

Rockwell Collins
Office of the General Counsel
400 Collins Rd. NE M/S 124-323
Cedar Rapids, IA 52488

To:

Mail Stop: Issue Fee

From:

Sheila K. Mathews

Location:

US Patent Office

Location:

124-323

Fax:

571-273-2885

Fax:

319-295-8777

Tel:

Tcl:

319-295-4862

Pages:

3 (including Lead)

Date:

June 3, 2008

Applicant: S. L. VanLaningham

Serial No. 10/782,716 Filed: February 19, 2004

For: Hybrid Open/Closed Loop Filtering For Link Quality Estimation

Docket No. 03CR418/KE

Item: Issue fee transmittal (in duplicate)

Thanks,

Sheila Mathew

NOTICE TO RECIPIENT

The documents accompanying this facsimile transmission contain information from the Legal Department of Rockwell Collins which is intended only for the use of the individual or entity named in this transmission sheet. Any unintended recipient is hereby notified that the information is privileged and confidential, and any disclosure, reproduction, use or distribution of this information is prohibited. If you are not the intended recipient (or employee or agent responsible for delivery), please notify us by telephone immediately so that we can arrange for the retrieval of the transmitted documents at no cost to you.

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION PLEASE CALL SHEILA MATHEWS (319) 295-8077 (or VPN 295-8077)